



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 25-07-2022

Test No: 1112

Weather: Cloudy

Sl No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 10:30 AM	Sampling Time: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			26.4	26.2	26	26
2	pH		day	6.5-8.5				8.24	7.55	7.46	7.39
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	125	18.1	18.1	2.62	0.22	0.21
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	13	7	5
5	Suspended Solid	mg/L	day	...				121	15	15	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						
8	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN	0.009					
9	Total Iron	mg/L	Once a week	0.3	USEPA 1 FerroVer Method	0.01					
10	Total residual chlorine	mg/L	Twice a week	0.2	USEPA DPD Method1	0.11					
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	20	20				
Remark:											